

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

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of

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Complete if Known

Application Number	09/769,952
Filing Date	January 25, 2001
First Named Inventor	Donoho
Group Art Unit	1651/652
Examiner Name	Not Yet Assigned STEADMAN
Attorney Docket Number	LEX-0118-USA

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
DIS	AA	4,215,051		Schroeder et al	07/29/80	260/346.7
	AB	4,376,110		David et al	03/08/83	436/513
	AC	4,594,595		Struckman	06/10/86	343/770
	AD	4,631,211		Houghten	12/23/86	428/35
	AE	4,689,405		Frank et al	08/25/87	536/27
	AF	4,713,326		Dattagupta et al	12/15/87	435/6
	AG	4,946,778		Ladner et al	08/07/90	435/69.6
	AH	5,252,743		Barrett et al	10/12/93	548/303.7
	AI	5,424,186		Fodor et al	06/13/95	435/6
	AJ	5,445,934		Fodor et al	08/29/95	435/6
	AK	5,459,127		Felgner et al	10/17/95	514/RECEIVED
	AL	5,556,752		Lockhart et al	09/17/96	435/6
	AM	5,700,637		Southern	12/23/97	435/6
	AN	5,744,305		Fodor et al	04/28/98	435/6 26 2002
	AO	5,837,458		Minshull et al	11/17/98	TECHNICAL
	AP	5,869,336		Meyer et al.	02/09/99	435/ENTER 1600/2900
	AQ	5,877,397		Lonberg et al	03/02/99	800/2
	AR	5,948,767		Scheule et al.	09/07/99	514/44
DIS	AS	6,075,181		Kucherlapati et al	06/13/00	800/25
	AT	6,110,490		Thierry	08/29/00	424/450

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office	Number ⁴	Kind Code ⁵ (if known)				
DIS	AU	EP	1 033 401 A		GENSET SA	09-06-2000		
DIS	AV	WO	00 00506 A		SAGAMI CHEMICAL RESEARCH CENTER	01-06-2000		

Examiner Signature

Date

Considered

05/08/03

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet	2	of	3												
<table border="1"> <tr> <td>Application Number</td> <td>09/769,952</td> </tr> <tr> <td>Filing Date</td> <td>January 25, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Donoho</td> </tr> <tr> <td>Group Art Unit</td> <td>1851/652</td> </tr> <tr> <td>Examiner Name</td> <td>Not Yet Assigned STEADMAN</td> </tr> <tr> <td>Attorney Docket Number</td> <td>LEX-0118-USA</td> </tr> </table>				Application Number	09/769,952	Filing Date	January 25, 2001	First Named Inventor	Donoho	Group Art Unit	1851/652	Examiner Name	Not Yet Assigned STEADMAN	Attorney Docket Number	LEX-0118-USA
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DS	AW	Bird et al, 1988, "Single-Chain Antigen-Binding Proteins", Science 242:423-426.	
	AX	Bitter et al, 1987, "Expression and Secretion Vectors for Yeast", Methods in Enzymology 153:516-544.	
	AY	Colbere-Garapin et al, 1981, "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells", J. Mol. Biol. 150:1-14.	
	AZ	Cote et al, 1983, "Generation of human monoclonal antibodies reactive with cellular antigens", PNAS 80:2026-2030.	
	BA	Gautier et al, 1987, "α-DNA IV: α-anomeric and β-anomeric tetrathymidylates covalently linked to intercalating oxazolopyridocarbazole. Synthesis, physicochemical properties and poly (rA) binding", Nucleic Acids Research 15(16):6625-6641.	
	BB	Greenspan et al, 1993, "Idiotypes: structure and immunogenicity", FASEB Journal 7:437-444.	
	BC	Huse et al, 1989, "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", Science 246:1275-1281.	
	BD	Huston et al, 1988, "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in Escherichia coli", Proc. Natl. Acad. Sci. USA 85:5879-5883.	
	BE	Inoue et al, 1987, "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and RNase H", FEBS Letters 215(2):327-330.	
	BF	Inoue et al, 1987, "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides", Nucleic Acids Research 15(15):6131-6149.	
	BG	Inouye & Inouye, 1985, "Up-promoter mutations in the lpp gene of Escherichia coli", Nucleic Acids Research 13(9):3101-3110.	
	BH	Janknecht et al, 1991, "Rapid and efficient purification of native histidine-tagged protein expressed by recombinant vaccinia virus", PNAS 88:8972-8976.	
	BI	Kohler & Milstein, 1975, "Continuous cultures of fused cells secreting antibody of predefined specificity", Nature 256:495-497.	
	BJ	Logan et al, 1984, "Adenovirus tripartite leader sequence enhances translation of mRNAs late after infection", Proc. Natl. Acad. Sci. USA 81:3655-3659.	
	BK	Lowy et al, 1980, "Isolation of Transforming DNA: Cloning the Hamster aprt Gene", Cell 22:817-823.	
	BL	Morrison et al, 1984, "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains", Proc. Natl. Acad. Sci. USA 81:6851-6855.	
	BM	Mulligan & Berg, 1981, "Selection for animal cells that express the Escherichia coli gene coding for xanthine-guanine phosphoribosyltransferase", Proc. Natl. Acad. Sci. USA 78(4):2072-2076.	
	BN	Neuberger et al, 1984, "Recombinant antibodies possessing novel effector functions", Nature 312:604-608.	
	BO	Nisonoff, 1991, "Idiotypes: Concepts and Applications", J. of Immunology 147:2429-2438.	
DS	BP	O'Hare et al, 1981, "Transformation of mouse fibroblasts to methotrexate resistance by a recombinant plasmid expressing a prokaryotic dihydrofolate reductase", Proc. Natl. Acad. Sci. USA 78(3):1527-1531.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/769,952
		Filing Date	January 25, 2001
		First Named Inventor	Donoho
		Group Art Unit	1651/1652
		Examiner Name	Not Yet Assigned STEADMAN
		Attorney Docket Number	LEX-0118-USA
Sheet	3	of	3

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
h/s	BQ	Ruther et al, 1983, "Easy identification of cDNA clones", EMBO Journal 2(10):1791-1794.	
	BR	Santerre et al, 1984, "Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells", Gene 30:147-156.	
	BS	Sarin et al, 1988, "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates", Proc. Natl. Acad. Sci. USA 85:7448-7451.	
	BT	Smith et al, 1983, "Molecular Engineering of the Autographa californica Nuclear Polyhedrosis Virus Genome: Deletion Mutations within the Polyhedrin Gene", J. Virol. 46(2):584-593.	
	BU	Stein et al, 1988, "Physicochemical properties of phosphorothioate oligodeoxynucleotides", Nucleic Acids Research 16(8):3209-3221.	
	BV	Szybalska & Szybalski, 1962, "Genetics of Human Cell Lines, IV. DNA-Mediated Heritable Transformation of a Biochemical Trait", Proc. Natl. Acad. Sci. USA 48:2026-2034.	
	BW	Takeda et al, 1985, "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences", Nature 314:452-454.	
	BX	Van Heeke et al, 1989, "Expression of Human Asparagine Synthetase in Escherichia coli", J. Biol. Chemistry 264(10):5503-5509.	
	BY	Ward et al, 1989, "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli", Nature 341:544-546.	
	BZ	Wigler et al, 1977, "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", Cell 11:223-232.	
	CA	Wigler et al, 1980, "Transformation of mammalian cells with an amplifiable dominant-acting gene", Proc. Natl. Acad. Sci. USA 77(6):3567-3570.	
	CB	DATABASE EMBL_EST 'Online! 16 December 1999, Database accession no. AW241830, XP002207166	
	CC	DATABASE SWALL 'Online! 1 October 1996, Database accession no. Q10166, XP002207167	
	CD	DATABASE GSP 'Online! 6 October 2000, Database accession no. AAG02364, XP002207168	
h/s	CE	International Search Report	

Examiner Signature	<i>h/s</i>	Date Considered	05/08/03
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